research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

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FILE 'HOME' ENTERED AT 20:48:50 ON 21 NOV 2008

=> file reg

COST IN JAPANESE YEN	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	28	28

FILE 'REGISTRY' ENTERED AT 20:48:57 ON 21 NOV 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 20 NOV 2008 HIGHEST RN 1073589-44-2
DICTIONARY FILE UPDATES: 20 NOV 2008 HIGHEST RN 1073589-44-2

New CAS Information Use Policies, enter HELP USAGETERMS for details.

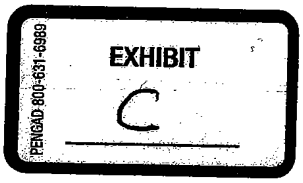
TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=> s 848667-77-6
L1 1 848667-77-6
(848667-77-6/RN)



=> d ful
'FUL' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'

The following are valid formats:

Substance information can be displayed by requesting individual fields or predefined formats. The predefined substance formats are: (RN = CAS Registry Number)

REG - RN
SAM - Index Name, MF, and structure - no RN
FIDE - All substance data, except sequence data
IDE - FIDE, but only 50 names
SQIDE - IDE, plus sequence data
SQIDE3 - Same as SQIDE, but 3-letter amino acid codes are used
SQD - Protein sequence data, includes RN
SQD3 - Same as SQD, but 3-letter amino acid codes are used
SQN - Protein sequence name information, includes RN

EPROP - Table of experimental properties
PPROP - Table of predicted properties
PROP - EPROP, ETAG, PPROP and SPEC

Any CA File format may be combined with any substance format to obtain CA references citing the substance. The substance formats must be cited first. The CA File predefined formats are:

ABS -- Abstract
APPS -- Application and Priority Information
BIB -- CA Accession Number, plus Bibliographic Data
CAN -- CA Accession Number
CBIB -- CA Accession Number, plus Bibliographic Data (compressed)
IND -- Index Data
IPC -- International Patent Classification
PATS -- PI, SO
STD -- BIB, IPC, and NCL

IABS -- ABS, indented, with text labels
IBIB -- BIB, indented, with text labels
ISTD -- STD format, indented

OBIB -------- AN, plus Bibliographic Data (original)
OIBIB ------- OBIB, indented with text labels

SBIB -------- BIB, no citations
SIBIB ------- IBIB, no citations

The ALL format gives FIDE BIB ABS IND RE, plus sequence data when it is available.
The MAX format is the same as ALL.
The IALL format is the same as ALL with BIB ABS and IND indented, with text labels.

For additional information, please consult the following help messages:

HELP DFIELDS -- To see a complete list of individual display fields.
HELP FORMATS -- To see detailed descriptions of the predefined formats.
ENTER DISPLAY FORMAT (IDE):fide

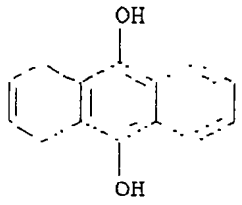
L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2008 ACS on STN
RN **848667-77-6** REGISTRY
ED Entered STN: 18 Apr 2005
CN 9,10-Anthracenediol, 1,4-dihydro-, polymer with 2-(chloromethyl)oxirane (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 9,10-Anthracenediol, 1,4-dihydro-, polymer with (chloromethyl)oxirane (9CI)
DR 910038-23-2, 910038-27-6
MF (C14 H12 O2 . C3 H5 Cl O)x
CI PMS
PCT Epoxy resin
SR CA
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL
DT.CA CAplus document type: Patent
RL.P Roles from patents: PREP (Preparation); USES (Uses)
RLD.P Roles for non-specific derivatives from patents: PREP (Preparation); PRP (Properties)

Ring System Data

Elemental Analysis EA	Elemental Sequence ES	Size of the Rings SZ	Ring System Formula RF	Ring Identifier RID	RID Occurrence Count
C2O	OC2	3	C2O	1.30.1	1 in CM 2
C6-C6-C6	C6-C6-C6	6-6-6	C14	2508.17.52	1 in CM 1

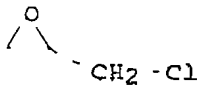
CM 1

CRN 56136-13-1
CMF C14 H12 O2



CM 2

CRN 106-89-8
CMF C3 H5 Cl O



Experimental Property Tags (ETAG)

PROPERTY	NOTE
Melting Point	(1) CAS
NMR Spectra	(1) CAS
Viscosity	(1) CAS

(1) Hayakawa, Atsuhito; US 20050069715 A1 2005 CAPLUS

See HELP PROPERTIES for information about property data sources in REGISTRY.
4 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s 155665-67-1
L2 1 155665-67-1
(155665-67-1/RN)

=> d fide

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2008 ACS on STN
RN **155665-67-1** REGISTRY
ED Entered STN: 09 Jun 1994
CN Oxirane, 2,2'-[9,10-anthracenediylbis(oxymethylene)]bis- (9CI) (CA INDEX NAME)
DR 1005495-96-4
MF C20 H18 O4
CI COM
SR CA
LC STN Files: CA, CAPLUS
DT.CA CAplus document type: Patent
RL.P Roles from patents: USES (Uses)

Ring System Data

Elemental Analysis EA	Elemental Sequence ES	Size of the Rings SZ	Ring System Formula RF	Ring Identifier RID	RID Occurrence Count